

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/726,643

DATE: 12/18/2000 TIME: 12:38:48

Input Set : A:\PTO.txt

Output Set: N:\CRF3\12142000\1726643.raw

Does Not Comply Corrected Diskette Needed

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2 <110> APPLICANT: Ruben et al.
4 <120> TITLE OF INVENTION: 26 Human secreted proteins
6 <130> FILE REFERENCE: PZ.040PI

C--> 8 <140> CURRENT APPLICATION NUMBER: US/09/726,643
9 <141> CURRENT FILING DATE: 2000-12-01
11 <150> PRIOR APPLICATION NUMBER: PCT/US00/15187
12 <151> PRIOR FILING DATE: 2000-06-02
14 <150> PRIOR APPLICATION NUMBER: 60/137,725
15 <151> PRIOR FILING DATE: 1999-06-07
17 <160> NUMBER OF SEQ ID NOS: 190
19 <170> SOFTWARE: PATENTIN VET. 2.0
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## ERRORED SEQUENCES

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6793 <212> TYPE: PRT
6794 <213> ORGANISM: Homo sapiens
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6803 Gln Thr Ser Leu Ile Ser Thr Thr Glu Asp lle Asn Gln Glu Glu Glu 6804 35 40 45
6806 Val Ala Val Giu Asp Asn Ser Ser Glu Gln Gin Phe Gly Val Phe Lys 6807 50 55
6809 Asp Phe Asp Phe Leu Asp Val Glu Leu Glu Asp Ala Glu Gly Glu Ser 6810-65
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6813 90 95
6815 Asp Lys Gly Asp Thr Pro Ser Leu Gln Glu Tyr Gln Cys Ser Ser Ser 6816 100 105
6818 Thr Pro Ser Leu Asn Leu Thr Asn Gln Glu Asp Thr Asp Glu Ser Ser 6819 115 120 125
6821 Glu Glu Glu Ala Ala Leu Thr Ala Ser Gln Ile Leu Ser Arg Thr Gln
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 6822 130 135
6824 Met Leu Asn Ser Asp Ser Ala Thr Asp Glu Thr Ile Pro Asp His Pro 6825 145 150 150
6827 Asp Leu Leu Gln Ser Glu Asp Ser Thr Gly Ser Lie Thr Thc Glu 6828 165 170
 6830 Glu Val Teu Gln Tle Arg Asp Glu Thr Pro Thr Leu Glu Ala Ser Leu
6831 180 185 190
 6833 Asp Asn Ala Asn Ser Arg Leu Pro Glu Asp Thr Thr Ser Val Leu Lys 6834 195 200 205
 6836 Glu Glu His Val Thr Thr Phe Glu Asp Glu Gly Ser Tyr The 11e Gln
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DATE: 12/18/2000 TIME: 12:38:49

RAW SEQUENCE LISTING PATENT APPLICATION: US/09/726,643

Input Set : A:\PTO.txt
Output Set: N:\CRF3\12142000\1726643.raw

6839 GLU								215					220				
1840   225	6837		210			C1	T ou	112 112	Cue	Gla -	C1v	He	Leu	Asp	Leu	Glu	Glu
6840 2 Thr Glu Met Pro Glu Pro Leu Ala Pro Glu Ser Tyr Pro Glu Ser Val 255 256 256 256 2645 Cys Glu Glu Asp Val Thr Leu Ala Leu Lys Glu Leu Asp Glu Arg Cys 6846 266 266 265 270 270 285 286 268 270 285 280 285 280 285 280 285 285 280 285 285 280 285 285 285 285 285 285 285 285 285 285			Gln	G1.n	Giu	Ser	220	¥ c1 .t.	CID	(3 3.11	0.07	235		•			240
6845 Cys Glu Glu Asp Val Thr Leu Ala Leu Lys Glu Leu Asp Glu Arg Cys 6846	6840	225					230	1 011	λ 1 ·s	uro	c1n		WV r	Pro	Glu	ser	Val
6845 Cys Glu Glu Asp Val 6846	6842	Thr	G l.u	Met	Pro	GIU	Pro	Leu	n.a	£ 1.0	250	D 1	.,-			255	
6846 Glu Glu Glu Glu Glu Glu Aa Asp Phe Ser Gly Leu Ser Ser Gln Asp Glu Glu Glu Glu Glu Glu Asp Gly Phe Pro Glu Val Gln Thr Ser Pro Leu Pro Ser Pro 6854 Phe Leu Ser Ala II e Ile Ala Ala Phe Gln Pro Val Ala Tyr Asp Asp 6855 305 310 310 310 315 320 320 385 325 325 325 325 325 325 325 325 325 32	6843					245		×	. 1 .	1.601	100	c1n	Len	Asp	GLu	Arq	Cys
6848 Glu Glu Glu Ala Asp Phe Ser Gly Leu Ser Ser Gln Asp Glu Glu 6849	6845	САг	Glu	Glu	Asp	Va.l	Thr	Leu	Ala	Den	цур	OI.	1100	rro r	270	-	-
6849	6846				260					200	Y	Cor	Car	G1 n		Glu	Glu
6849	6848	Glu	Glu	Glu	Glu	Ala	Asp	Phe	ser	G J. Y	ren	ser.	.iei	285	1101	0.1	
6854 Phe Leu Ser Ala IIe 11e Ala Ala Phe GIN Pro Val Ala Tyr Asp Asp 6855 305																	
6854 Phe Leu Ser Ala IIe 11e Ala Ala Phe GIN Pro Val Ala Tyr Asp Asp 6855 305	6851	Glu	Gin	Asp	Gly	Phe	Pro	Glu	Val.	GIN	THE	Ser	200	neu	FIO		
6854 Phe Leu Ser Ala Tle 11e Ala Ala Phe Gh Pro Val Ala Tyr 320 6855 305																	
6857         Glu         Ala         Trp         Arg         Cys         His         Val         Asn         Glu         He         Leu         Phe         330         330         335	6854	Phe	Leu	ser	Ala	He	lle	Ala	Ala	Phe	Gin	Pro	Vall	Ala	1 7 1	изр	330
6857 Glu Glu Glu Glu Ala Trp Arg Cys His Val Asn Gln Met Leu Ser Name 1885 1886																	
6858         325         340         Ser Ser Ala Val Phe Thr Phe His Val Phe Ser Arg Leu Phe 340         350         360	6857	Glu	Glu	Glu	A J. a	Trp	Arg	Cys	His	Val	Asn	GLn	мет	Leu	ser	ASP	1.111
6860         Asp Gly         Ser Ser Ala Val Phe Thr Phe His Val Phe Ser Ala Sato         345         350         350         366         366         365         360         365         365         366         366         365         365         366         365         366         365         366         365         365         366         366         366         365         366         365         366         365         366         366         366         365         366         367         365         368         367         368         367         367         368         367         380         367         380         380         380         380         380         380         380         380         367         400																	
6861	6860	Asp	Gly	ser	Ser	Ala	Val	Phe	Thr	Phe	His	Val.	Phe	ser	Arg	Leu	PHE
See					21.4 (1)					540					300		
6864	(063	Cln	The	Tle	Gla	Arq	LVS	Phe	Gly	GLu	rle	Thr	Asn	Glu	Ala	Vai	ser
6866         Phe         Leu         Gly         Asp         Ser         Leu         Gln         Arg         He         Gly         Thr         Lys         Phe         Lys         Ser         Ser         Ser         Glu         Cys         Ser         Glu         Cys         Pro         Thr         Lys         Phe         Val         Phe         Val         Asp         Asp <td></td>																	
6867         370         373         370         393         400         6870         385         390         395         400         445         445         445         445         445         445         445         445         445         445         445         445         445         445         445         445         440         445         440 </td <td>0004</td> <td>nho</td> <td>Low</td> <td>G12</td> <td>Asn</td> <td>ser</td> <td>Leu</td> <td>Gln</td> <td>Arq</td> <td>He</td> <td>Gly</td> <td>Thr</td> <td>Lys</td> <td>Phe</td> <td>Lys</td> <td>Ser</td> <td>ser</td>	0004	nho	Low	G12	Asn	ser	Leu	Gln	Arq	He	Gly	Thr	Lys	Phe	Lys	Ser	ser
6869 Leu Glu Vai Met. Met. Leu Cys Ser Glu Cys Pro Thr Vai Phe Val Asp 6870 385 390 395 400 6872 Ala Glu Thr Leu Met. Ser Cys Gly Leu Leu Glu Thr Leu Lys Phe Gly 6873 405 405 405 410 410 415 6875 Val Leu Glu Leu Gln Glu His Leu Asp 6876 420 420 425 430 6878 Ala Ala Glu Glu Tr Leu Asp Asp Cys Lys Arg Thr Phe Gly Ala Lys 6879 435 440 440 440 445 6881 Glu Asp Met Tyr Arg 11e Asn Thr Asp Ala Glu Glu Leu Glu Leu Glu Leu Cys 6882 450 455 465 6884 Arg Arg Leu Tyr Lys Leu His Phe Gln Leu Leu Leu Leu Glu Leu Glu Cys 6885 465 465 470 470 470 490 6886 465 465 485 485 6890 Val Ite Asn Met Ser Glu Glu Leu Ala Glu Glu Leu Glu Ser Ite Leu Lys 6891 500 505 510 6894 61a Glu Thr Thr 11e Glu Thr Asp Glu Glu Glu Glu Ser Ite Leu Lys 6896 Ala Glu Thr Thr Thr 11e Glu Thr Ala Ite His Ser Leu Ite Glu Thr Leu 6897 536 6899 Lys Asn Lys Glu Phe Ite Ser Ala Val Ala Gln Val Lys Ala Phe Arg 6900 545 550 570 6900 545 565 570 6900 Gly Ser Leu Trp Pro Ser Asp Ite Phe Gly Ser Cys Glu Asp Asp Pro Val 6900 Gly Ser Phe Ala Val Ite Gly Ser Asn Leu Sp Met Ser Glu Ala Asn 6900 Gly Ser Phe Ala Val Ite Gly Ser Asn Leu Sp Met Ser Glu Ala Asn 6900 Gly Ser Phe Ala Val Ite Gly Ser Asn Leu Sp Met Ser Glu Ala Asn 6900 Gly Ser Phe Ala Val Ite Gly Ser Asn Leu Sp Met Ser Glu Ala Asn 6900 Gly Ser Phe Ala Val Ite Gly Ser Asn Leu Sp Met Ser Glu Ala Asn 6900 Gly Ser Phe Ala Val Ite Gly Ser Asn Leu Sp Met Ser Glu Ala Asn 6900 Gly Ser Phe Ala Val Ite Gly Ser Asn Leu Sp Met Ser Glu Ala Asn																	
6870         385         390         410         Thr Leu Het Ser Cys Gly Leu Glu Thr Leu Lys Phe Gly 415         410         410         410         415         410         415         410	6867		010	, . 1/2 l	Mod	Mot	Len	CVS	ser	Glu	Cys	Pro	Thr	Va.l	Phe	٧al	Asp
6872         Ala Glu Thr         Leu Met         Ser         Cys         Gly         Leu Glu Thr         Leu Lys         Phe Gly         410         415         416         415         415         415         415         416         415         416         425         420         430         480         480         485         487         440         425         446         446         446         446         446         446         446         446         447         448         446         447         448         448         449         449         449 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>2 (3 (3)</td><td></td><td></td><td></td><td></td><td>272</td><td></td><td></td><td></td><td></td><td></td></td<>							2 (3 (3)					272					
6873	6870	380	0.1.	. mk. a		Mot	Sar	rve	GTv	Leu	Leu	Glu	Thr	Leu	Lys	Phe	Gly
6875																	
6876	6873		_	er 1	. T	4 U.5	ch a	Hie	וו בנ. 1	Asp	Thr	Tyr	Asn	. Va.l	Lys	Arg	GLu
6878         Ala         Ala         Glu         Gln         Trp         Leu         Asp         Asp         Lys         Lys         Arg         Thr         Phe         Gly         Ala         Lys         Leu         Gly         Leu         Leu         Gly         Leu         Gly         Leu         Leu <td></td> <td></td> <td>. P60</td> <td>1 610</td> <td>1 1.60</td> <td>GIII</td> <td>(14.U</td> <td>11.1.0</td> <td>Lic. G</td> <td>425</td> <td>•</td> <td>1</td> <td></td> <td></td> <td>4.30</td> <td></td> <td></td>			. P60	1 610	1 1.60	GIII	(14.U	11.1.0	Lic. G	425	•	1			4.30		
6879	6876				4.20		1	5 . rm	. A cers	Cyc	1.77	: Ard	Thr	Phe	Gly	Ala	L7S
6881 Glu Asp Net Tyr Arg 11e Asn Thr Asp Ala Gln Glu Leu Glu Leu Cys 6882	6878	Ale	ı Al.			, arp	E FiGU	asp	410	C) D	22.7 -	, , , , , ,		445	;		
6882	6879	)		135	)				mle ve	Acm	1 -	. Clr	Glu	Let	1 G11	Leu	Cys
6882	6881	. Glu			ТУг	Arg	rre	ASI	1.11.1.	нэр	MIC	. () 1.1	460	)			_
6885 465	6882	2	45	0				400	i Dbs	(2.1 n	1.01	ı [.Δ1			ı Phe	Gir	Ala
6885 465 6887 Tyr Cys Lys Leu IIe Asn Gin Val Asn Thr IIe Lys Asn Giu Ala Glu 495 6888 6890 Val IIe Asn Met Ser Giu Giu Leu Ala Gin Leu Giu Ser IIe Leu Lys 500 6891 500 6893 Giu Ala Gin Ser Ala Ser Giu Giu Leu Giu Giu Giu Giu Ser IIe Leu Lys 510 6894 515 6896 Ala Gin Thr Thr IIe Giu Thr Ala IIe His Ser Leu Tie Giu Thr Leu 6897 536 6899 Lys Asn Lys Giu Phe IIe Ser Ala Val Ala Gin Val Lys Ala Phe Arq 6900 545 6902 Ser Leu Trp Pro Ser Asp Lie Phe Gly Ser Cys Giu Asp Asp Pro Val 6903 6903 Gin Thr Leu IIe His IIe Tyr Phe His His Gin Thr Leu Gly Gin Thr 6906 580 6908 Gly Ser Phe Ala Val IIe Gly Ser Asn Leu Asp Met Ser Giu Ala Asn 6908 Gly Ser Phe Ala Val IIe Gly Ser Asn Leu Asp Met Ser Giu Ala Asn	6884	Are	ı Ar	g Lei	ı Tyr	Lys	Leu	1115	PHE	. 0111	1.50	175	1.10				480
6888 6890 Val I le Asn Met Ser Glu Glu Leu Ala Gln Leu Glu Ser I le Leu Lys 6891 6893 Glu Ala Gla Ser Ala Ser Glu Glu Asn Glu Glu Glu Glu Asp I le Ser Lys Ala 6894 515 6896 Ala Gln Thr Thr I le Glu Thr Ala I le His Ser Leu T le Glu Thr Leu 6897 536 6899 Lys Asn Lys Glu Phe 6900 545 550 560 6902 Ser Leu T rp Pro Ser Asp L le Phe Gly Ser C rys Glu Asp Asp Pro Val 6903 6905 Gln Thr Leu I le His I le Tyr Phe His His Gln Thr Leu Gly Gln Thr 6906 6908 Gly Ser Phe Ala Val I le Gly Ser Asn Leu Asp Met Ser Glu Ala Asn 6908 Gly Ser Phe Ala Val I le Gly Ser Asn Leu Asp Met Ser Glu Ala Asn	6885	46	,				470				mb			. Act	n Gli	i Ala	ı Glu
6888 6890 Val I le Asn Met Ser Glu Glu Leu Ala Gln Leu Glu Ser I le Leu Lys 6891 6893 Glu Ala Gla Ser Ala Ser Glu Glu Asn Glu Glu Glu Glu Asp I le Ser Lys Ala 6894 515 6896 Ala Gln Thr Thr I le Glu Thr Ala I le His Ser Leu T le Glu Thr Leu 6897 536 6899 Lys Asn Lys Glu Phe 6900 545 550 560 6902 Ser Leu T rp Pro Ser Asp L le Phe Gly Ser C rys Glu Asp Asp Pro Val 6903 6905 Gln Thr Leu I le His I le Tyr Phe His His Gln Thr Leu Gly Gln Thr 6906 6908 Gly Ser Phe Ala Val I le Gly Ser Asn Leu Asp Met Ser Glu Ala Asn 6908 Gly Ser Phe Ala Val I le Gly Ser Asn Leu Asp Met Ser Glu Ala Asn	6887	7 Ty:	г Сү	s Lys	s Lei	1 I I €	Asn	GLO	ı Val	ASI	1 111	, 11.0	: 11/3		. 010	49	5
6891 500 6893 Glu Ala Glu Ser Ala Ser Glu Asn Glu Glu Glu Gle Asp Ile Ser Lys Ala 6894 515 520 520 525 6896 Ala Glu Thr Thr Ite Glu Thr Ala Ile His Ser Leu Tle Glu Thr Leu 6897 530 535 535 540 540 540 540 540 540 540 540 540 54																	
6891 500 6893 Glu Ala Glu Ser Ala Ser Glu Asn Glu Glu Glu Gle Asp Ile Ser Lys Ala 6894 515 520 520 525 6896 Ala Glu Thr Thr Ite Glu Thr Ala Ile His Ser Leu Tle Glu Thr Leu 6897 530 535 535 540 540 540 540 540 540 540 540 540 54	6890	) Va	1 11	e Asi	n Mel	Sei	r Glu	GH	i Let	A Lö	1 (ill	и веч	יוני נ	1 .50.	511	 1	
6894       515       520         6896       Ala Gln Thr Thr Ile Glu Thr Ala Ile His Ser Leu Tle Glu Thr Leu         6897       536       540         6898       Lys Asn Lys Glu Phe Ile Ser Ala Vul Ala Gln Val Lys Ala Phe Arg       560         6900       545       550       555       560         6902       Ser Leu Trp Pro Ser Asp Ile Phe Gly Ser Cys Glu Asp Asp Pro Val       570       575         6903       565       570       575       575         6905       Gln Thr Leu Ile His Ile Tyr Phe His His Gln Thr Leu Gly Gln Thr       590         6908       Gly Ser Phe Ala Val Ile Gly Ser Asn Leu Asp Met Ser Glu Ala Asn       605																	
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6896 Ala Gln Thr Thr Ite Glu Thr Ala Ite His Ser Leu Tie Glu Thr Ala Gln His Ser Leu Tie Glu Thr Ala Gln Gln San Gays Ash Lys Glu Phe Gly Ser Ala Val Ala Gln Val Lys Ala Phe Arg 550 560 555 555 560 560 570 570 575																	
6897 536 535 536 6899 Lys Ash Lys Glu Phe His Ser Ala Vul Ala Gln Val Lys Ala Phe Arg 6900 545 555 555 560 555 560 560 570 575 570 575 575 570 575 575 570 575 575	6891	6 Al	a Gl	n Th	r Th.	r Ile	e Glu	ı Thi	r Ale	1110	5 H 3	s se.	r Lei	i li	e Gr	и и.	J. 120-04
6899 Lys Ash Lys Glu Phe lie Ser Ala Val Ala Gln Val Lys Ata Phe Ala Val 6900 545 550 555 555 560 5902 Ser Leu Trp Pro Ser Asp Lle Phe Gly Ser Cys Glu Asp Asp Pro Val 560 570 575 570 575 570 575 570 575 570 575 570 580 580 580 580 580 580 6908 Gly Ser Phe Ala Val Ile Gly Ser Ash Leu Asp Met Ser Glu Ala Ash 605 605																	
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6902 Ser Leu Trp Pro Ser Asp IIe Phe Gly Ser Cys Glu Asp Asp 155 575 570 570 570 575 6905 Gln Thr Leu IIe His IIe Tyr Phe His His Gln Thr Leu Gly Gln Thr 6906 580 585 580 585 6908 Gly Ser Phe Ala Val IIe Gly Ser Asn Leu Asp Met Ser Glu Ala Asn 605																	
6903 565 6905 Gln Thr Leu 1le His tle Tyr Phe His His Gln Thr Leu Gly Gln Thr 6906 580 585 590 6908 Gly Ser Phe Ala Val Ile Gly Ser Asn Leu Asp Met Ser Glu Ala Asn	690	0 (M 0 (G)	r Tu	u Tr	o Pr	o se	r Asi	5 1.1	e Phe	3 G.L.	y se	r C7	s Gl	u As	p As	p Pr	o val
6905 Gln Thr Leu lle His tle Tyr Phe His His Gln Thr Leu Gly Gln Thr 6906 580 585 540 6908 Gly Ser Phe Ala Val Ile Gly Ser Asn Leu Asp Met Ser Glu Ala Asn																	
6906 580 56908 Gly Ser Phe Ala Val Ile Gly Ser Asn Leu Asp Met Ser Glu Ala Asn 6908 Gly Ser Phe Ala Val Ile Gly Ser Asn Leu Asp Met Ser Glu Ala Asn	660	c (*1	n Ti	ir La	n 11	е ні	s Ile	e Tv	r Ph	e Hi:	s Hi	s Gl	n Th	r Le	u Gl	y Gl	n Thr
6908 Gly Ser Phe Ala Val Ile Gly Ser Asn Leu Asp Met Ser Glu Ala Ash																	
	690	υ ο .τι	.,	. n 15h	ω Δ1	a Va	1 11	3 G1	y se	r As	n Le	u As	р Ме	t. Se	r Gl	u Al	a Asn
6909			y 50	: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15 A L				60	ð				60	5		
	690	Þ		<i>J</i> ')	. ,												

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/726,643

DATE: 12/18/2000 TIME: 12:38:50

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Output Set: N:\CRF3\12142000\1726643.raw

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L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:61 M:283 W: Missing Blank Line separator, <220> field identifier
L:76 M:283 W: Missing Blank Line separator, <220> field identifier
L:89 M:283 W: Missing Blank Line separator, <220> field identifier
L:105 M:283 W: Missing Blank Line separator, <220> field identifier
L:118 M:283 W: Missing Blank Line separator, <220> field identifier
L:141 M:283 W: Missing Blank Line separator, <220> field identifier
L:156 M:283 W: Missing Blank Line separator, <220> field identifier
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:898 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:1052 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:1154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1162 M:341 W: (46) "n" or "Xaa" used, for SEQ 1D#:31
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US 0972664304P1



Creation date: 09-03-2003

Indexing Officer: MKAHSAY - MULU KAHSAY

Team: OIPEBackFileIndexing

Dossier: 09726643

Legal Date: 12-28-2000

No.	Doccode	Number of pages
1	CRFL	7

Total number of pages: 7

Remarks:

Order of re-scan issued on .....